

ABSTRACT

A method and a device for spectrally shaping nonlinear intersymbol interference (NLISI) in an oversampling digital-to-analog converter are disclosed. At least one higher-order shaper circuit is provided, so as to shape NLISI, causing energy associated with NLISI to fall outside a signal band. The signal-to-noise ratio achieved is better than signal-to-noise ratios obtained in prior art NLISI reducing methods and devices.